



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: XXX Complete:        Exploration:         
Inspection Date & Time: 07/27 & 31/2001 / 9:00 - 15:00  
Date of Last Inspection: 06/13 & 26/2001

Mine Name: Crandall Canyon Mine County: Emery Permit Number: C/015/032  
Permittee and/or Operator's Name: Genwal Resources, Inc.  
Business Address: P.O. Box 1420, Huntington, Utah 84528  
Type of Mining Activity: Underground XXX Surface        Prep. Plant        Other         
Company Official(s): Gary Gray  
State Official(s): Bill Malencik, Karl Houskeeper Federal Official(s): None  
Weather Conditions: Partly Cloudy, 90's  
Existing Acreage: Permitted 5195.8 Disturbed 10.7 Regraded        Seeded         
Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT  
(Continuation sheet)

PERMIT NUMBER: C/015/032

DATE OF INSPECTION: 07/27 & 31/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**GENERAL COMMENTS**

Performed a partial inspection of the Crandall Canyon Mine. All of the performance standards have been adhered to and met. Under the circumstances, no violations were issued. Several culverts need to be cleaned. These included from the MRP drainage map the following diversions; outlet of C-14, inlet of C-12, outlet of C-16, head and bottom of DD-13 and inlet of C-17.

**2. SIGNS AND MARKERS**

The signs that were checked included the identification sign. Other markers included the disturbed area, topsoil, and stream buffer zone.

The permittee and Patrick Collins performed a vegetation study on the topsoil piles to determine if the markers may be removed. They will be sending an amendment to the Division, since the results were encouraging.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

Checked all diversions and the following were in need of routine maintenance: outlet of C-14, inlet of C-12, outlet of C-16, conveyor shroud at the head of DD-13, sediment at the bottom of DD-13 and inlet of C-17.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The sediment pond was not discharging during the inspection and the water level was about 50% of capacity. There were no signs of any hazardous conditions occurring to the sediment ponds during the inspection.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

The second quarter monitoring was completed for the following stations: Blind Canyon Creek, Horse Canyon Creek, Indian Creek, LF-1, UPF-1, SP1-19, SP1-22, SP1-24, SP1-3, SP1-47, SP1-9, SP2-1, SP2-24, SP2-9, SP-30, SP-36, SP47A, and SP-58.

**4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

There are two UPDES stations 001 pond and 002 mine water. The June report was sent to the Division on June 27, 2001.

**8. NONCOAL WASTE**

There was a small oil spill on the lower pad that the permittee placed absorbent material to contain this small spill.

Inspector's Signature: \_\_\_\_\_

Wm. J. Malencik #26

Date: August 3, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

sd  
cc: James Fulton, OSM  
Gary Gray, Genwal  
Price Field office

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